

Rhode Island Precipitation
National Weather Service Boston/Norton, MA
Preliminary Precipitation Data (inches) by Drought Region
Past 12 to 36 months ending February 2021
Includes CoCoRaHS Data

RI 1 month February 2021	Rainfall	Departure	Percent	Normal
Northwest	3.43	-0.53	87	3.96
Northeast	3.57	0.02	101	3.55
Central West	3.75	0.15	104	3.60
Central East	3.50	0.21	106	3.29
Eastern	3.66	-0.11	97	3.77
Southern	4.30	0.61	117	3.69
New Shoreham	6.84	3.15	185	3.69

RI 2 month Jan-Feb 21	Rainfall	Departure	Percent	Normal
Northwest	6.22	-2.02	75	8.24
Northeast	6.06	-1.56	80	7.62
Central West	6.49	-1.18	85	7.67
Central East	5.73	-1.42	80	7.15
Eastern	5.67	-1.95	74	7.62
Southern	6.69	-1.11	86	7.80
New Shoreham	9.20	1.40	118	7.80

RI 3 month Dec 20-Feb 21	Rainfall	Departure	Percent	Normal
Northwest	14.40	1.32	110	13.08
Northeast	15.96	3.60	129	12.36
Central West	17.34	5.07	141	12.27
Central East	15.97	4.60	140	11.37
Eastern	12.96	1.02	109	11.94
Southern	16.26	3.75	130	12.51
New Shoreham	17.34	4.83	139	12.51

RI 6 month Sep 20-Feb 21	Rainfall	Departure	Percent	Normal
Northwest	27.01	0.11	100	26.90
Northeast	26.46	0.72	103	25.74
Central West	28.77	3.32	113	25.45
Central East	27.45	3.72	116	23.73
Eastern	23.83	-0.10	100	23.93
Southern	28.32	2.28	109	26.04
New Shoreham	31.54	5.50	121	26.04

RI 12 month Mar 20-Feb 21	Rainfall	Departure	Percent	Normal
Northwest	48.73	-4.97	91	53.70
Northeast	48.33	-3.09	94	51.42
Central West	49.30	-1.47	97	50.77
Central East	47.10	-0.08	100	47.18
Eastern	40.54	-8.00	84	48.54
Southern	48.09	-4.78	91	52.87
New Shoreham	48.71	-4.16	92	52.87

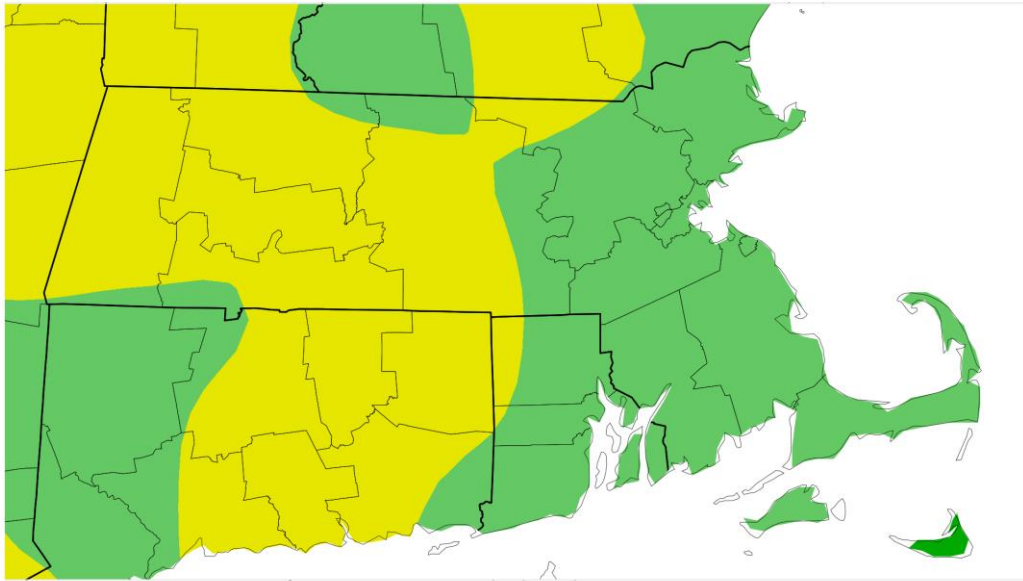
RI 24 month Mar 19-Feb 21	Rainfall	Departure	Percent	Normal
Northwest	105.91	-1.49	99	107.40
Northeast	99.80	-3.04	97	102.84
Central West	105.26	3.72	104	101.54
Central East	97.12	2.76	103	94.36
Eastern	91.95	-5.13	95	97.08
Southern	106.84	1.10	101	105.74
New Shoreham	98.69	-7.05	93	105.74

RI 36 month Mar 18-Feb 21	Rainfall	Departure	Percent	Normal
Northwest	174.71	13.61	108	161.10
Northeast	166.62	12.36	108	154.26
Central West	173.11	20.80	114	152.31
Central East	161.91	20.37	114	141.54
Eastern	147.83	2.21	102	145.62
Southern	166.77	8.16	105	158.61
New Shoreham	154.38	-4.23	97	158.61

RI 4 month Nov 20-Feb 21	Rainfall	Departure	Percent	Normal
Northwest	20.49	2.45	114	18.04
Northeast	19.96	2.81	116	17.15
Central West	21.46	4.44	126	17.02
Central East	19.94	4.06	126	15.88
Eastern	17.12	0.85	105	16.27
Southern	20.93	3.37	119	17.56
New Shoreham	23.10	5.54	132	17.56

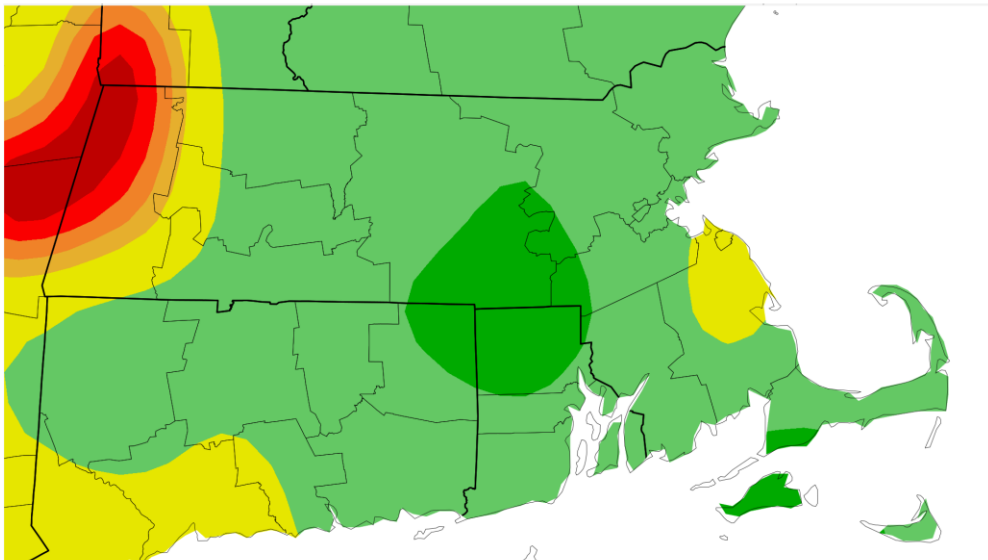
RI 5 month Oct 20-Jan 21	Rainfall	Departure	Percent	Normal
Northwest	25.76	2.95	113	22.81
Northeast	25.37	3.57	116	21.80
Central West	27.70	6.23	129	21.47
Central East	26.17	6.36	132	19.81
Eastern	22.79	2.59	113	20.20
Southern	27.24	5.42	125	21.82
New Shoreham	29.84	8.02	137	21.82

Monthly SPI
2/1/2021 – 2/28/2021



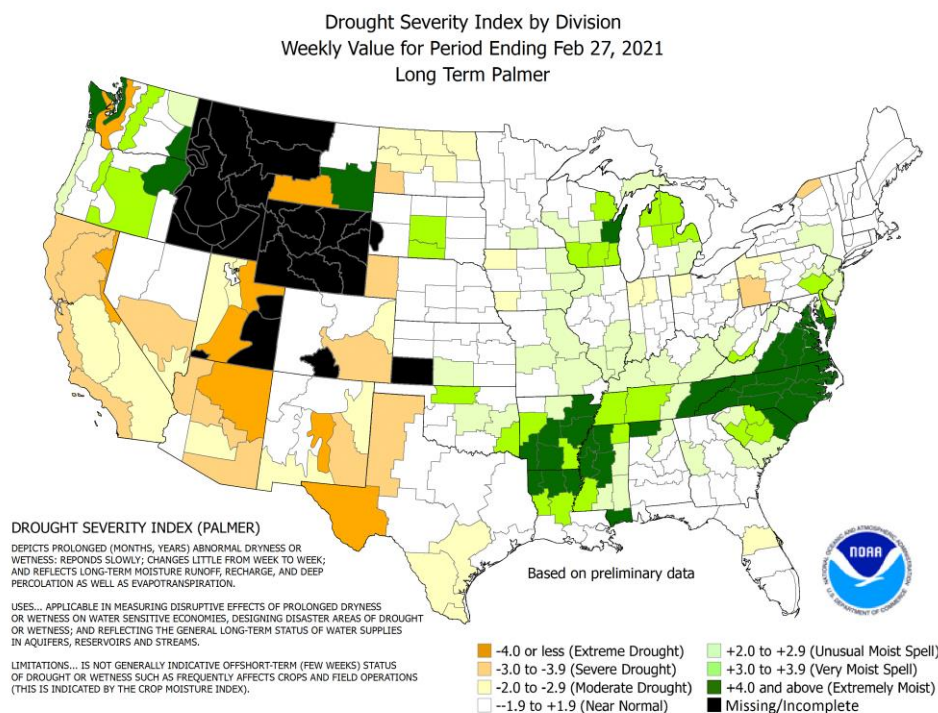
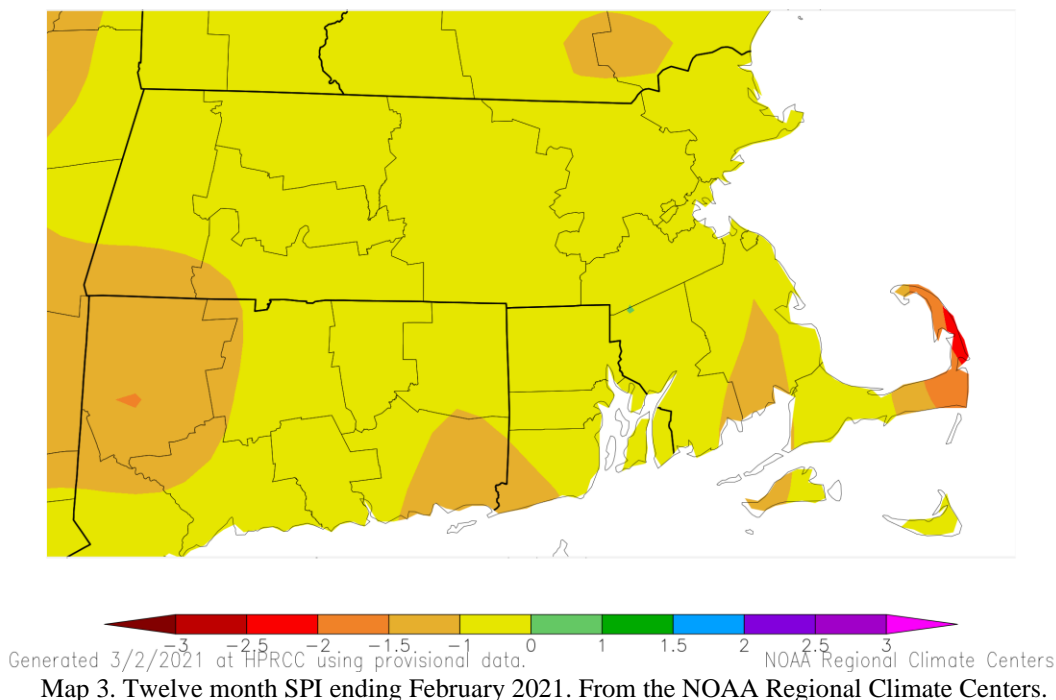
Generated 3/2/2021 at HPRCC using provisional data. NOAA Regional Climate Centers
Map 1. February 2021 SPI. From the NOAA Regional Climate Centers.

3-Month SPI
12/1/2020 – 2/28/2021



Generated 3/2/2021 at HPRCC using provisional data. NOAA Regional Climate Centers
Map 2. Three-Month SPI ending February 2021. From the NOAA Regional Climate Centers.

12-Month SPI 3/1/2020 – 2/28/2021



Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated 2/27/21.
RI Palmer is in the Normal range, +1.47.

U.S. Drought Monitor
Rhode Island

March 2, 2021
(Released Thursday, Mar. 4, 2021)
Valid 7 a.m. EST



Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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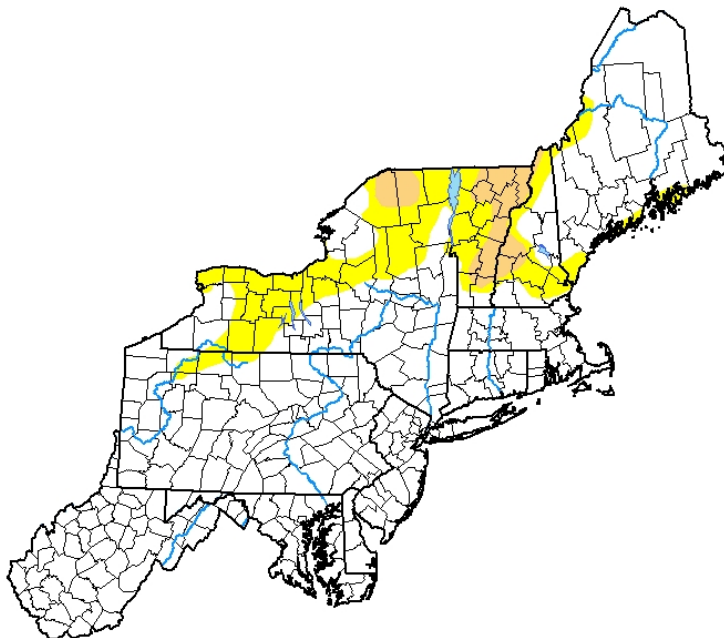


droughtmonitor.unl.edu

Map 5. US Drought Monitor for Rhode Island. valid 3/2/2021.

U.S. Drought Monitor
Northeast

March 2, 2021
(Released Thursday, Mar. 4, 2021)
Valid 7 a.m. EST



Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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Map 6. US Drought Monitor for the Northeast US, valid 3/2/2021.